

## **CALIFORNIA WASTE TIRE LAWS & REGULATIONS:**

### *Tire Storage & Disposal Standards*

#### ☐ **Title 14 California Code of Regulations (14 CCR) section 18447-Record Keeping**

Copies of all records required to be kept under this Chapter shall be retained by the operator for three (3) years at the place of business and shall be made available at the site during normal business hours for inspection and photocopy by any representative of the Board or any individual authorized by the Board.

#### ☐ **14 CCR 17351-Fire Prevention Measures**

(a) Communication equipment shall be maintained at all facilities, if they are staffed by an attendant, to ensure that the site operator can contact local fire protection authorities in the event of fire.

(b) Adequate equipment to aid in the control of fires must be provided and maintained at the facility at all times. At a minimum the following items shall be maintained on site and in working order at all times:

(1) One (1) dry chemical fire extinguisher;

(2) One (1) two and one-half gallon water extinguisher;

(3) One (1) pike pole or comparable pole at least 10 feet in length to separate burning from non-burning tires; and

(4) One (1) round point and one (1) square point shovel.

(5) One (1) dry chemical fire extinguisher with a minimum rating of 4A:40BC shall be carried on each piece of fuel-powered equipment used to handle waste tires;

(c) An adequate water supply shall be available for use by the local fire authority. The water supply shall be capable of delivering at least 1,000 gallons per minute for a duration of at least three hours and at least 2,000 gallons per minute for a duration of at least three hours if the sum of altered plus whole waste tires exceeds 10,000.

(d) All of the requirements of subsections (b) and (c) shall apply unless the local fire authority having jurisdiction over a particular facility determines that a different requirement is necessary or adequate to meet the intent of these regulations for fire control and the protection of life and property. This may include the availability of earth moving equipment or other approved means to control the tire fire. Any change in, or any new, local fire authority requirements that affect the requirements in this Article shall be reported to the Board by the operator within 30 days after their effective date. Any requirements approved by the local fire authority shall be subject to Board concurrence at the time of issuance or renewal of the permit.

#### ☐ **14 CCR 17352-Site Security**

(a) Signs - for facilities open to the public a sign shall be posted at the facility entrance stating the name of the operator, operating hours, and site rules.

(b) Attendant - An attendant shall be present when the facility is open for business if the facility receives tires from persons other than the operator of the facility.

(c) Access - An access road to the facility must be maintained passable for emergency equipment and vector control vehicles at all times. Unauthorized access must be strictly controlled.

#### ☐ **14 CCR 17353(a)-Vector Control**

(a) All waste tires shall be stored in a manner which prevents the breeding and harborage of mosquitoes, rodents, and other vectors by any of the following means:

(1) Cover with impermeable barriers other than soil to prevent entry or accumulation of precipitation; or

(2) Use of treatments or methods to prevent or eliminate vector breeding as necessary, provided the control program is approved as appropriate and effective by the local vector control authority, if such authority exists. If no local vector control authority exists, the local Environmental Health Department or other local agency with authority over vector control shall approve the vector control plan. Any control program approved by the local vector control authority shall be subject to Board concurrence at the time of issuance or renewal of the waste tire facility permit.

#### ☐ **14 CCR 17354-Storage of Waste Tires Outdoors**

(a) Except as provided in subsection (c) waste tires shall be restricted to individual piles, which include stacks and racks of tires that do not exceed 5,000 square feet of contiguous area. Any pile shall not exceed 50,000 cubic feet in volume nor 10 feet in height. Piles shall not exceed 6 feet in height when within 20 feet of any property line or perimeter fencing. Waste tires shall not be located within 10 feet of any property line or perimeter fencing. The minimum distance between waste tire piles and between waste tire piles and structures that are located either on-site or off-site shall be as specified in Table I.

(b) Except as provided in subsection (c) waste tires shall be separated from vegetation and other potentially flammable materials by no less than 40 feet. Accessible fire lanes with a minimum width as specified in Table I shall be provided between tire storage units. Fire lanes shall be kept free of flammable or combustible material and vegetation. Access to fire lane(s) for emergency vehicles must be unobstructed at all times. Open flames, blow torches, or highly flammable materials, including but not limited to, tire inner tubes, are prohibited within 40 feet of a waste tire pile.

## CALIFORNIA WASTE TIRE LAWS & REGULATIONS:

### *Tire Storage & Disposal Standards*

Table I  
Minimum Separation Distances (Ft.)

Length of Exposed Face (Ft.)	Tire Storage Pile Height (Ft.)		
	6'	8'	10'
25'	50	56	62
50'	66	75	84
100'	84	100	116
150'	99	117	135
200'	111	130	149
250'	118	140	162

(c) All of the requirements in subsections (a) and (b) shall apply to the storage of waste tires unless, for any particular requirement, the local fire authority having jurisdiction over a particular facility determines that a different requirement is necessary or adequate to meet the intent of these regulations for the prevention of fire and the protection of life and property. Any change in, or any new, local fire authority requirements that affect the requirements in this Article shall be reported to the Board by the operator within 30 days after their effective date. Any requirements approved by the local fire authority shall be subject to Board concurrence at the time of issuance or renewal of the permit.

(d) Surface water drainage shall be directed around and away from the waste tire storage area.

(e) Waste tires at existing waste tire facilities shall not be stored on surfaces with grades that will interfere with fire fighting equipment or personnel unless mitigation measures have been approved in writing by the local fire authority, or a fire safety engineer registered by the State of California. Measures established by a fire safety engineer shall be subject to approval by the local fire authority.

(f) New waste tire facilities shall not:

(1) Be sited in any area where they may be subjected to immersion in water during a 100-year storm unless the operator demonstrates to the Board that the facility will be designed and operated so as to prevent waste tires from migrating off-site; or

(2) Be located on sites with grades or other physical features that will interfere with fire fighting equipment or personnel.

(g) Tires must be removed from rims immediately upon arrival at the facility.

(h) The site shall be designed and constructed to provide protection to bodies of water from runoff of pyrolytic oil resulting from a potential tire fire.

#### ☐ **14 CCR 17356-Indoor Storage**

Waste tires stored indoors must be stored under conditions that meet or exceed those in "The Standard for Storage of Rubber Tires", National Fire Protection Association, NFPA 231D-1989 edition, published by the National Fire Protection Association, which is incorporated by reference. This requirement shall apply unless the local fire authority having jurisdiction over a particular facility determines that a different requirement is necessary or adequate to meet the intent of these regulations for fire control and the protection of life and property. Any change in, or any new, local fire authority requirements that affect the requirements in this Article shall be reported to the Board by the operator within 30 days after their effective date.